

Curriculum Vitae

NAME: Songyou (Song-You) Hong

EDUCATION

- Ph.D., Atmospheric Sciences, Seoul National University, August 1992
“Numerical simulation of a heavy rainfall event over Korea. 246pp”
- Master D., Atmospheric Sciences, Seoul National University, February 1987
“ Numerical simulation of the winter storm in a mesoscale model. 58pp”

EMPLOYMENT

- 2021. 3 ~ present : Scientist, NOAA/ESRL/PSL and University of Colorado/CIRES
- 2013. 5 ~ present : Affiliate Scientist, National Center for Atmospheric Research (NCAR)
- 2014. 1 ~ present : Fellow, Korean Academy of Science and Technology
- 2014. 3 ~ 2019.12.31 : KIAPS Director
- 2000. 9 ~ 2017. 3 : Professor, Yonsei University, Seoul, Korea
- 1993. 8 ~ 2000. 8 : Research Scientist, Environmental Modeling Center (EMC)/ NCEP/NOAA, USA

PROFESSIONAL EXPERIENCE

- Fellow, the Korean Academy of Science and Technology(KAST)('14-)
- NCAR Affiliate Scientist, National Center for Atmospheric Research(NCAR), USA('13-)
- Editor, Meteorology and Atmospheric Physics (SCI Journal)('12~'17)
- Editor-in-Chief, Asia-Pacific Journal of Atmospheric Sciences (SCIE Journal)('11-'15)
- Associate Editor, Monthly Weather Review (SCI Journal)('11-'16)

AWARDS

- Posco Cheongam award in science ('20)
- National medal for the contribution to national development('19)
- Korea Meteorological Society ‘Outstanding Paper Award’('17)
- Knowledge Creation Award, Ministry of Science, ICT, &Future Planning('14)
- Science and Technology Award, Korean Academy of Science and Technology('13)
- Outstanding Accomplishment Professor Award, Yonsei University('11, '14, '15)

RESEARCH INTEREST

- Numerical atmospheric modeling, Numerical weather prediction, Seasonal prediction, Physical parameterization, Climate extremes, Atmospheric mechanism